

AMENDMENTS TO THE SPECIFICATION

Please change the title of the present invention to read as follows.

**“ULTRASONIC DISTANCE MEASUREMENT METHOD AND DEVICE BY
EXTRACTING THE PERIOD OF A RECEIVED SIGNAL FROM NOISE USING A
DUAL-THRESHOLD COMPARATOR”**

Please replace Paragraph No. 0042 of the specification with the following, in which added texts are underlined and deleted texts are stricken through.

[0042] The comparator 6 carries out a determination as to the presence of a signal with respect to a predetermined magnitude of signal. As shown in ~~FIG. 2~~ FIG. 7, the comparator 6 of the invention can provide a two-step setting up of an upper limit 211 and a lower limit 212. With respect to a signal between the above two steps, a comparing signal is not output. The signal passing through the comparator 6 presents the period of a high-frequency signal. The comparator 6 according to one preferred embodiment of the invention is constructed in the manner as illustrated in FIG. 6. A signal processed by the comparator 6 of the invention is exemplified in FIG. 3. In this way, in this embodiment, the comparator establishes two sizes, and the size variation in-between does not affect the output of a signal. Therefore, according to the method and device of the invention, since the presence of noise is determined by measuring the frequency (period) of an output, it is not affected by the noise.